

IN THE CLAIMS:

1. and 2. (Canceled)

3. (Currently Amended) A dextran-coated carrier having a surface with a connection between the dextran disposed as coating on the carrier formed by a photolinker, said dextran coating being formed on and covalently attached to said carrier by co-immobilization resulting from a mixture of the dextran and a 3-trifluoromethyl-3-(m-isocyanophenyl)-diazirine (TRIMID)-modified aminodextran, wherein the dextran is attached to the carrier through a component resulting from the irradiation of the 3-trifluoromethyl-3-(m-isocyanophenyl)-diazimine (TRIMID)-modified aminodextran.

4. and 5. (Canceled)

6. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is coated with a polymer film.

7. (Original) A dextran-coated surface according to claim 6, wherein said polymer film consists of one of polyimide and poly-(p-xylylene).

8. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is a surface of a mass-sensitive sensor.

9. (Previously Presented) A dextran-coated surface according to claim 8, wherein said mass-sensitive sensor is surface acoustic waves conductive component.

10. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is a surface of an optical or electro-mechanical sensor.

11. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is coated with a polymer film.

12. (Previously Presented) A dextran-coated surface according to claim 11, wherein said polymer film consists of one of polyimide and poly-(p-xylylene).

13. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is a surface of a mass-sensitive sensor.

14. (Previously Presented) A dextran-coated surface according to claim 13, wherein said mass-sensitive sensor is a surface acoustic waves conductive component.

15. (Previously Presented) A dextran-coated surface according to claim 3, wherein said carrier surface is a surface of an optical or electro-mechanical sensor.